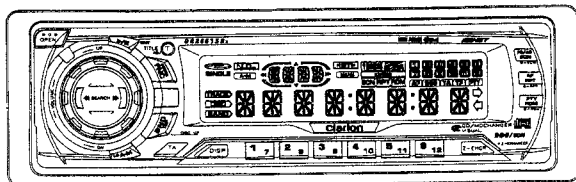


Service Manual

ceNET



**RDS-EON FM/MW/LW Radio CD
Combination with MD/CD
Changer Control**

Model **DRX6675Rz**
(PE-2335E-A)

■ ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with Model PE-2191E-B.

Original model	Manual No.
DRX6575Rz(PE-2191E-B)	298-5699-00

■ DIFFERENCE FROM ORIGINAL MODEL

- 1.EXPLODED VIEW · PARTS LIST
- 2.ELECTRICAL PARTS LIST
- 3.CD MECHANISM
- 4.CIRCUIT DIAGRAM
- 5.PRINTED WIRING BOARD

■ COMPONENTS

PE-2335E-A

Main unit		1
Remote controller	RCB-130-700	1
Battery(SUM-3)		2
Mounting bracket	300-7745-00	1
DGP case	335-6035-02	1
Escutcheon(OUT)	370-5774-00	1
Part's bag		
Removal tool	331-2548-00	2
Rubber cap	345-3653-01	1
Screw	716-0726-01	1
A-lead(for cellular phone)	850-6681-00	1

■ NOTE

※We cannot supply PWB with component parts in principle. When a circuit on PWB has failure, please repair it by component parts base. Parts which are not mentioned in service manual are not supplied.

■ FEATURES

- 1.RDS-Pro Receiver with Controller for MD and CD Changer
- 2.CD-Deck with 1-Bit D/A Converter and 8-Times Oversampling
- 3.Fully Detachable Flip Down Control Panel with Rotary Encoder
- 4.High Power 4×45W Max./4 Gold Plated RCA Line Level Output

■ To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1.Use specified parts.

The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.

The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability(PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.

2. Place the parts and wiring back in their original positions after replacement or re-wiring.

For proper circuit construction, use of insulation tubes, bonding, gaps to PWB, etc, is involved. The wiring connection and routing to the PWB are specially planned using clamps to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.

If extended damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.

3. Check for safety after repair.

Check that the screws, parts and wires are put back securely in their original position after repair. Ensure for safety reasons there is no possibility of second any problems around the repaired spots.

If extended damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

4. Caution in removal and making wiring connection to the parts for the automobile.

Disconnect the battery terminal after turning the ignition key off. If wrong wiring connections are made with the battery connected, a short circuit and/or fire may occur.

If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

5. Cautions regarding chips.

Do not reuse removed chips even when no abnormality is observed in their appearance. Always replace them with new ones. (The chip parts include resistors, capacitors, diodes, transistors, etc). The negative pole of tantalum capacitors is highly susceptible to heat, so use special care when replacing them and check the operation afterwards.

6. Cautions in handling flexible PWB

Before working with a soldering iron, make sure that the iron tip temperature is around 270°C. Take care not to apply the iron tip repeatedly (more than three times) to the same patterns. Also take care not to apply the tip with force.

7. Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

8. Cautions in checking that the optical pickup lights up.

The laser is focused on the disc reflection surface through the lens of the optical pickup. When checking that the laser optical diode lights up, keep your eyes more than 30cms away from the lens. Prolonged viewing of the laser within 30cms may damage your eyesight.

9. Cautions in handling the optical pickup

The laser diode of the optical pickup can be damaged by electrostatic charge caused by your clothes and body.

Make sure to avoid electrostatic charges on your clothes or body, or discharge static electricity before handling the optical pickup.

9-1. Laser diode

The laser diode terminals are shorted for transportation in order to prevent electrostatic damage.

After replacement, open the shorted circuit. When removing the pickup from the mechanism, short the terminals by soldering them to prevent this damage.

9-2. Actuator

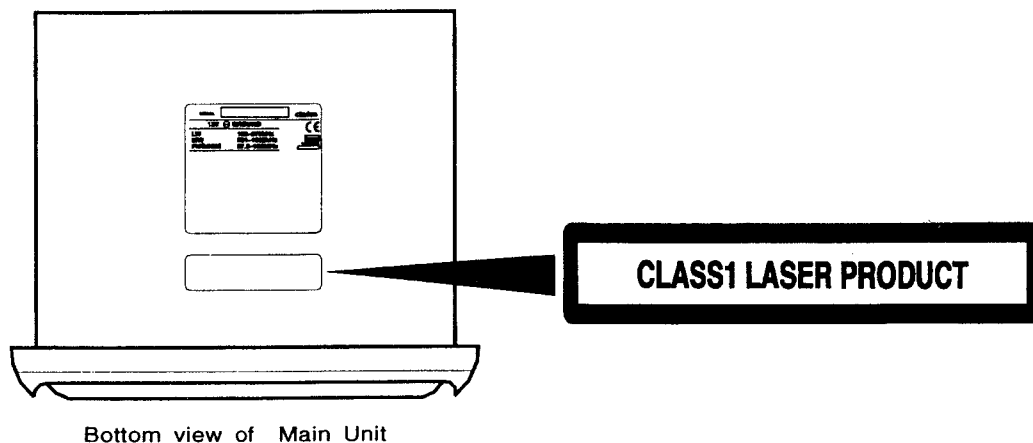
The actuator has a powerful magnetic circuit. If a magnetic material is put close to it, its characteristics will change. Ensure that no foreign substances enter through the ventilation slots in the cover.

9-3. Cleaning the lens

Dust on the optical lens affects performance. To clean the lens, apply a small amount of isopropyl alcohol to lens paper and wipe the lens gently.

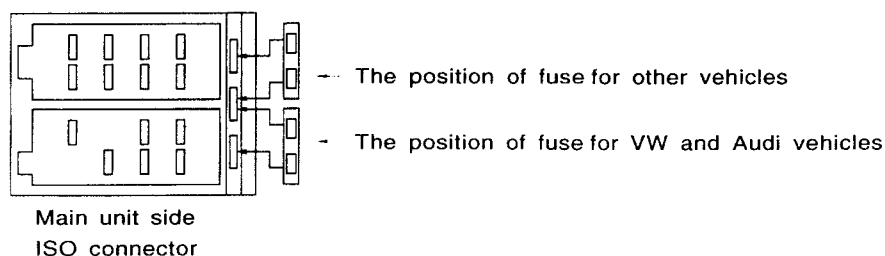
■ CAUTIONS

This appliance contains a laser system and is classified as a "CLASS 1 LASER PRODUCT". To use this model properly, read this Owner's Manual carefully and keep this manual for your future reference. In case of any trouble with this player, please contact your nearest "AUTHORIZED service station". To prevent direct exposure to the laser beam, do not try to open the enclosure.



■ NOTES OF ISO CONNECTOR

1. For VW and Audi vehicles, change the position of fuse installation as shown on the diagram. (Figure 1)



2. The lead include with the unit must be connected to the specified position of the vehicle's ISO connector in order to use the "triggered audio mute for cellular telephones" function. (Figure 2)

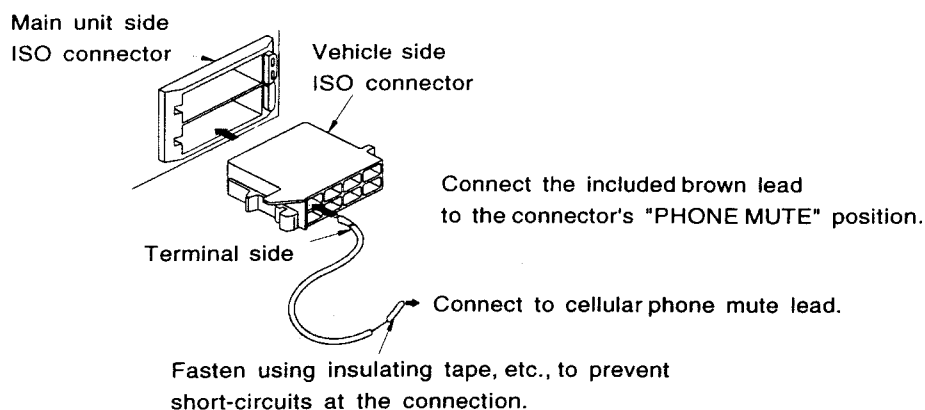
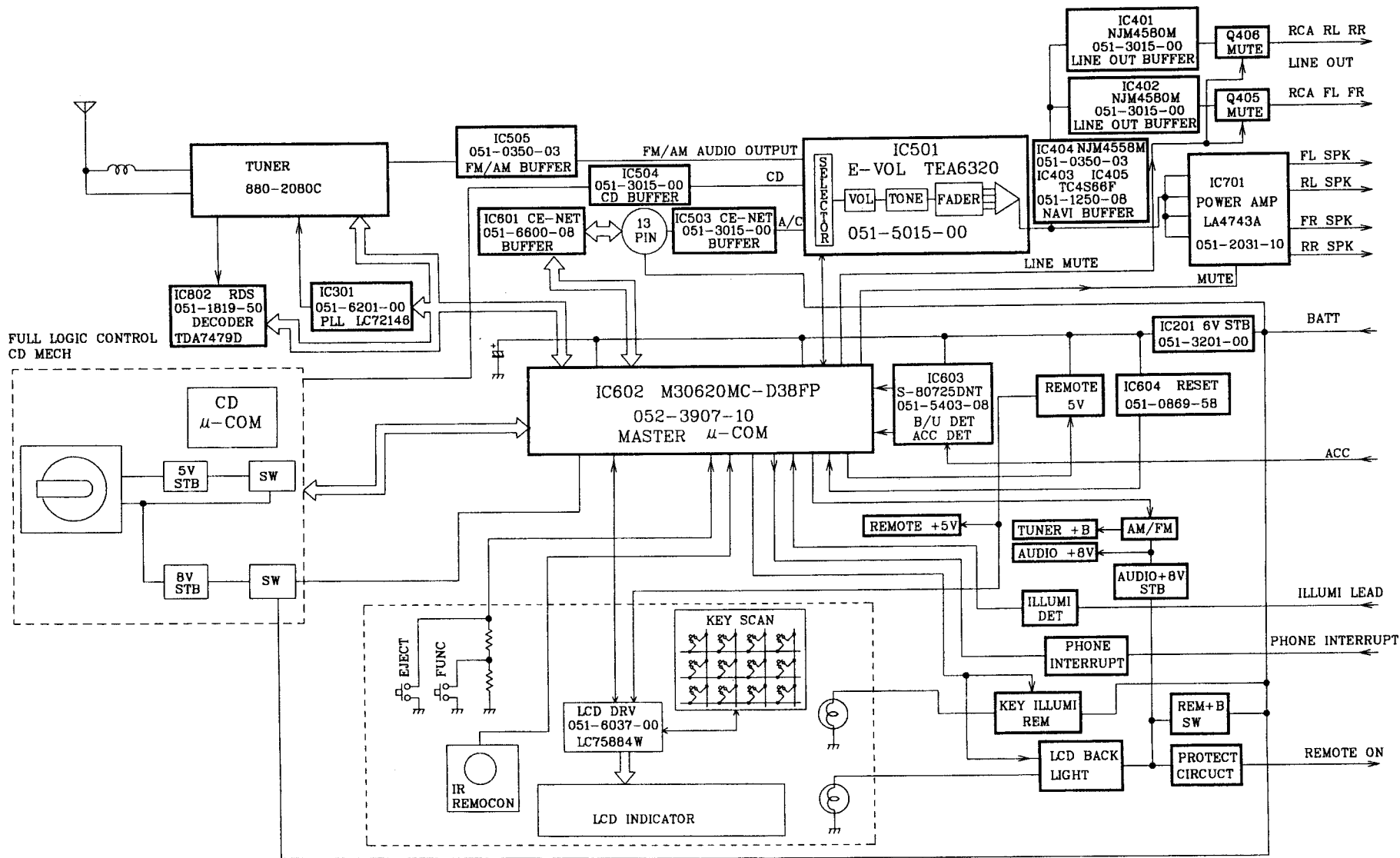


Figure 2



■ EXPLANATION OF IC:

■ M30620MC-D38FP 052-3907-10 MASTER MICRO COMPUTER

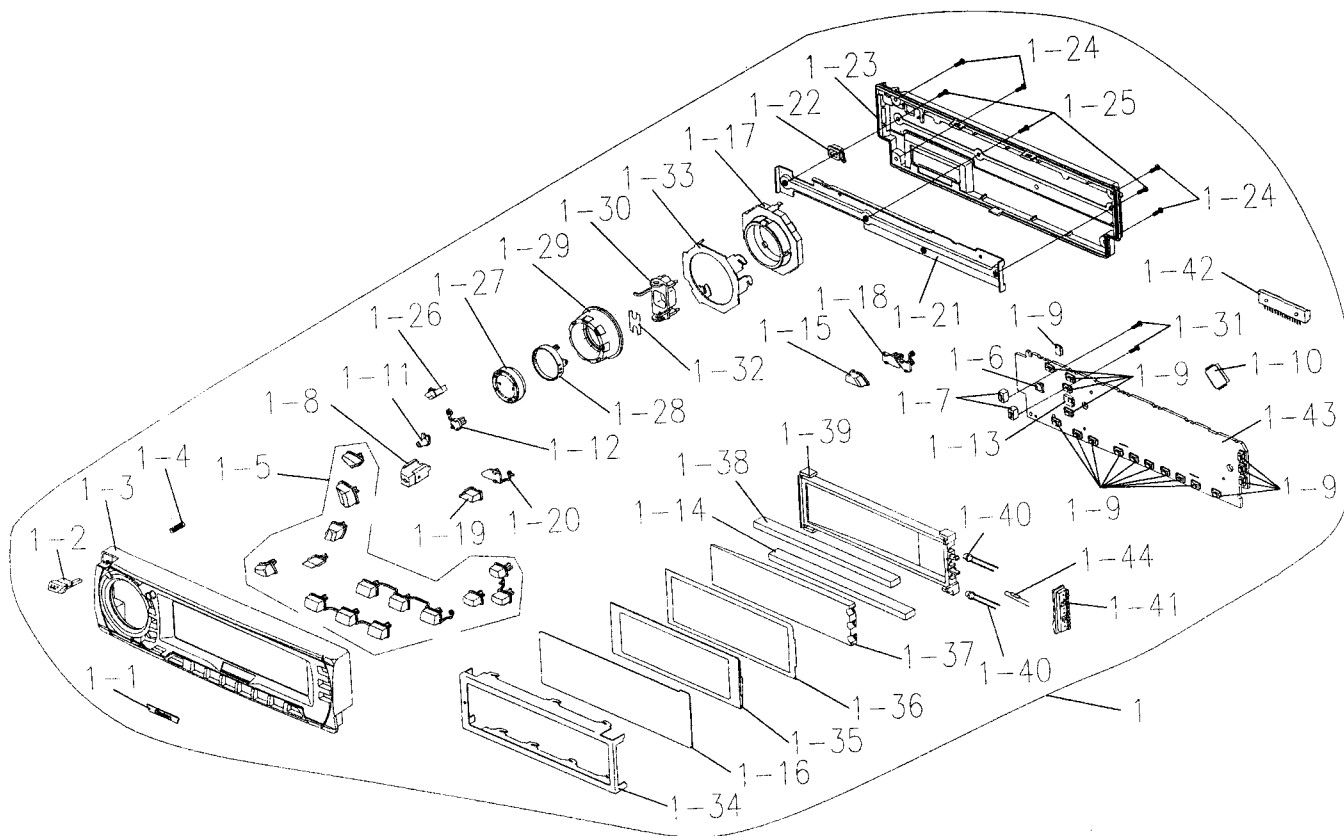
1. Outward Form : 100 pins QFP

2. Terminal Description

pin 1 : NC	: IN : GND	pin 56 : TR A	: IN : CD module photo sensor input terminal.
pin 2 : NC	: IN : GND	pin 57 : TR B	: IN : CD module photo sensor input terminal.
pin 3 : NC	: IN : GND	pin 58 : TR C	: IN : CD module photo sensor input terminal.
pin 4 : REMOCON	: IN : IR REMOCON input	pin 59 : MCCW	: IN : CD module loading motor control terminal
pin 5 : SBSY	: IN :	pin 60 : MCW	: IN : CD module loading motor control terminal
pin 6 : NC	: IN : GND	pin 61 : CD 8V	: O : CD 8V power control terminal for CD module
pin 7 : RDS CLK	: IN : RDS output terminal for discharging the voltage detected by RDS NOISE	pin 62 : VDD	: — : Power supply terminal
pin 8 : BYTE	: IN : Input terminal of DATE detection.	pin 63 : CD 5V	: O : CD 5V power control terminal for CD module
pin 9 : VSS	: IN : GND	pin 64 : VSS	: — : GND
pin 10 : XCIN	: IN : Connecting terminal for oscillating crystal for 32.768K	pin 65 : NC	: IN : GND
pin 11 : XCOUT	: O : Connecting terminal for oscillating crystal for 32.768K	pin 66 : NC	: IN : GND
pin 12 : RESET	: IN : Micro computer will stop by turning this terminal to "Low"	pin 67 : NC	: IN : GND
pin 13 : X OUT	: O : Connecting terminal for oscillating crystal for main system clock CSTCC 10MG	pin 68 : NC	: IN : GND
pin 14 : VSS	: — : GND	pin 69 : NC	: IN : GND
pin 15 : X IN	: IN : Connecting terminal for oscillating crystal for main system clock CSTCC 10MG	pin 70 : NC	: IN : GND
pin 16 : VCC	: — : Outputs signal for 5V power supply GND	pin 71 : NAV1 MUTE	: O : NAV1 MUTE control terminal "H"=MUTE
pin 17 : NC	: IN : GND	pin 72 : NC	: IN : GND
pin 18 : ACC DET	: IN : ON/OFF detection terminal for ACC power supply.	pin 73 : 5V REM	: O : 5V power supply control terminal for system
pin 19 : B/U DET	: IN : When this terminal turns low, Micro computer detects the B/U OFF and turns micro computer to STOP mode, stopping oscillation.	pin 74 : KEY ILL	: O : 8V power supply control terminal for system
pin 20 : KEY INT	: IN : KEY insertion input terminal low when EJECT KEY or FNC (POWER) KEY pushed when this terminal turns low. KEY A/D terminal detects the KEY pushed.	pin 75 : AMP-MUTE	: O : AMP-MUTE terminal "L"=MUTE
pin 21 : 29 PIN CONNECT	: IN : Micro computer to 29 PIN terminal	pin 76 : SYS-MUTE	: O : SYSTEM-MUTE terminal "L"=MUTE
pin 22 : NC	: IN : GND	pin 77 : LINE-MUTE	: O : LINE OUT MUTE terminal "L"=MUTE
pin 23 : NC	: IN : GND	pin 78 : BUS IN/OUT	: O : AUDIO IN/OUT control terminal. "H"=IN, "L"=OUT
pin 24 : BEEP	: O : BEEP output terminal	pin 79 : SYS ACC	: O : BUS ACC power supply terminal control
pin 25 : NC	: — : NC	pin 80 : AMP REM DET	: IN : AMP REM voltage detection terminal
pin 26 : DIMMER	: O : With dimmer ON: "H" With dimmer OFF: "L"	pin 81 : AMP REM OUT	: O : AMP REM+B outputs Hi by power on, supply +B power
pin 27 : NC	: IN : GND	pin 82 : SOFT MUTE	: O : Soft mute control terminal
pin 28 : LCD CE	: O : Serial data communication line with driver	pin 83 : PHONE INT	: IN : "H"=TEL ON signal input
pin 29 : IE BUS RX	: IN : IE BUS data communication line	pin 84 : JOG CCW	: IN : JOG VR input terminal (L)
pin 30 : IE BUS TX	: O : IE BUS data communication line	pin 85 : JOG CW	: IN : JOG VR input terminal (R)
pin 31 : LCD DO	: O : Serial data communication line with driver	pin 86 : FM SD	: IN : Detection terminal for FM SD. Judges SD ON by Hi
pin 32 : LCD DI	: IN : Serial data communication line with driver	pin 87 : AM SD	: IN : Detection terminal for AM SD. Judges SD ON by Hi
pin 33 : LCD CLK	: O : Serial data communication line with driver	pin 88 : RDS DATA	: IN : Input data from RDS decoder
pin 34 : PLL CE	: O : PLL IC control line	pin 89 : RDS DISCG	: O : RDS output terminal for discharging the voltage detected by RDS NOISE
pin 35 : PLL DO	: O : PLL IC control line	pin 90 : RDS MUTE	: O : RDS output terminal for noise reduction during follow-up motion
pin 36 : PLL DI	: IN : PLL IC control line	pin 91 : S-METER	: IN : Connects FM S meter and changes indication by the wave strength
pin 37 : PLL SCK	: O : PLL IC control line	pin 92 : NOISE 1	: IN : Noise level detection terminal 1 for RDS
pin 38 : FM-ST	: IN : Detecting terminal for FM stereo indicator	pin 93 : NOISE 2	: IN : Noise level detection terminal 2 for RDS
pin 39 : NC	: O : NC	pin 94 : ILL DET	: IN : Illumination signal detection terminal
pin 40 : NC	: O : NC	pin 95 : NC	: IN : GND
pin 41 : LCD CONT	: O : LCD signal output terminal	pin 96 : AVSS	: — : GND
pin 42 : INT 1	: IN : Initial setting for "H"=BLINK LED	pin 97 : KEY A/D	: IN : Detection terminal for OPEN/EJECT/FNC KEY
pin 43 : INT 2	: IN : Initial setting for "H"=POWER ANT	pin 98 : AVREF	: — : Standard applied voltage terminal for A/D convert
pin 44 : VOL CLK	: O : Serial data communication line to electro-nic volume IC	pin 99 : AVCC	: — : B/U 5V voltage supply for A/D convert
pin 45 : VOL DO	: O : Serial data communication line to electro-nic volume IC	pin 100 : NC	: IN : GND
pin 46 : TONE BYPASS	: O : Tone bypass terminal		
pin 47 : CATS LED	: O : BLINKING LED		
pin 48 : BUC0	: O : CD MECH connect terminal		
pin 49 : BUC1	: O : CD MECH connect terminal		
pin 50 : BUC2	: O : CD MECH connect terminal		
pin 51 : BUC3	: O : CD MECH connect terminal		
pin 52 : BUCK	: O : Connected to CD MECHA		
pin 53 : CCE	: O : Connected to CD MECHA		
pin 54 : RST	: IN : Reset output terminal for CD module CX-2D545Q		

■ EXPLODED VIEW · PARTS LIST:

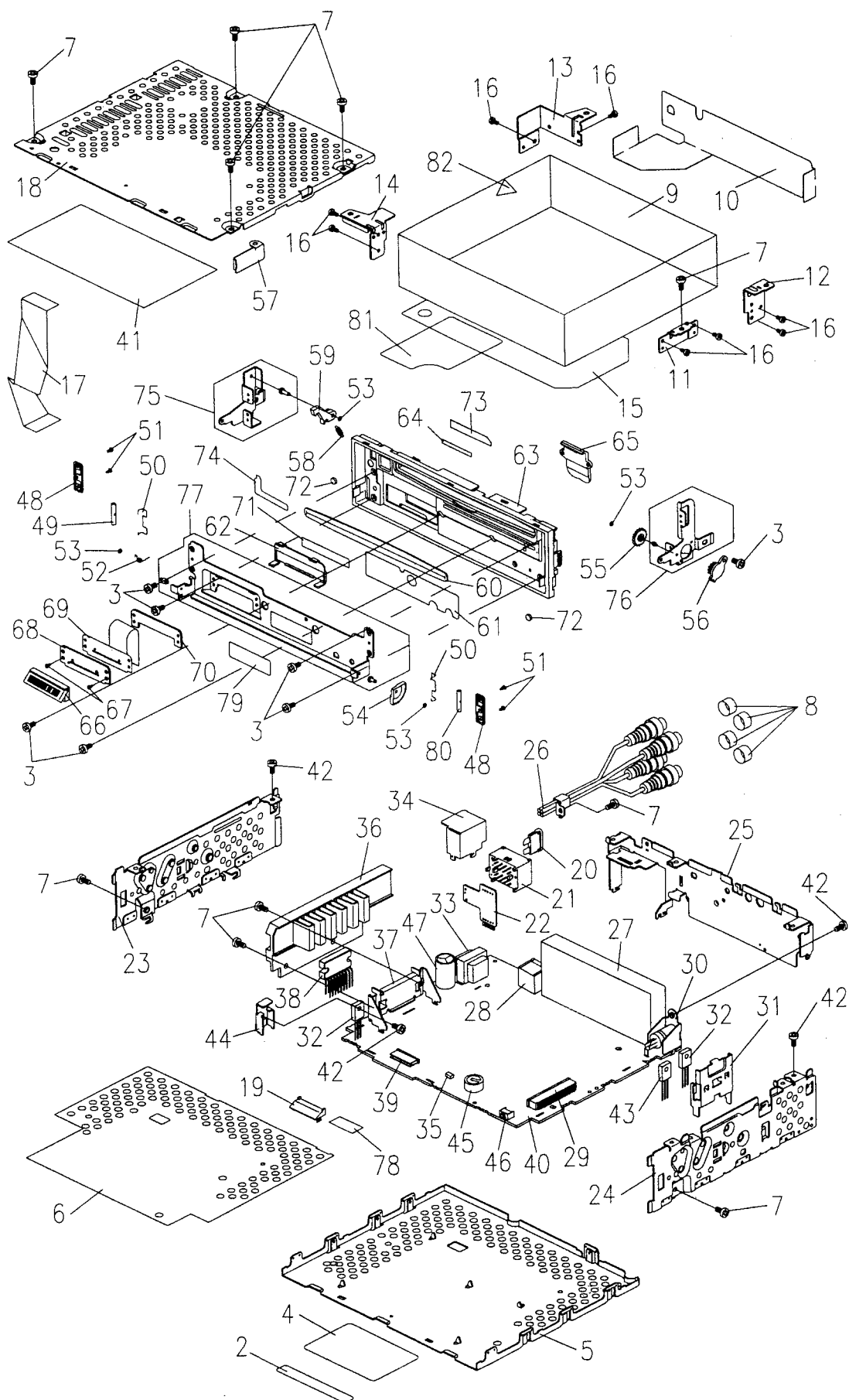
DCP Section



NO.	PARTS NO.	DESCRIPTION	QTY
1	DCP-179-700	DCP ASSY	1
1-1	378-0515-00	BADGE	1
1-2	382-5152-01	BUTTON	1
1-3	370-5770-21	ESCUTCHEON	1
1-4	750-3339-10	SPRING	1
1-5	947-0489-07	BUTTON ASSY	1
1-6	001-7040-90	DIODE	1
1-7	013-6302-50	SWITCH	2
1-8	335-5833-00	IR-FILTER	1
1-9	013-6511-50	LUMI SWITCH	18
1-10	051-6037-00	IC	1
1-11	382-5171-01	BUTTON	1
1-12	335-5834-00	BUTTON HOLDER	1
1-13	060-4008-00	IR-RECEIVE	1
1-14	345-8256-00	RUBBER CAP	1
1-15	382-5161-01	BUTTON	1
1-16	373-0908-10	DIAL-CVR	1
1-17	013-8001-00	JOG ROTARY SW	1
1-18	335-5832-00	BUTTON HOLDER	1
1-19	382-5166-01	BUTTON	1
1-20	335-5835-00	BUTTON HOLDER	1
1-21	331-2554-00	REAR-CVR-PLATE	1
1-22	382-5172-00	BUTTON	1

NO.	PARTS NO.	DESCRIPTION	QTY
1-23	335-5860-02	REAR-CVR	1
1-24	716-0872-12	SCREW	4
1-25	738-2035-17	PRECISION SCREW	3
1-26	335-5836-01	DUMMY BUTTON	1
1-27	382-5159-00	BUTTON	1
1-28	335-5841-00	BUTTON HOLDER	1
1-29	380-5437-00	JOG DIAL	1
1-30	335-5842-00	BASE PLATE	1
1-31	716-0872-01	SCREW	2
1-32	347-5951-10	REFLECTOR	1
1-33	331-2538-00	JOG SWITCH HOLDER	1
1-34	331-2522-10	LCD-CVR	1
1-35	379-1148-41	INDICATOR	1
1-36	347-5911-11	CCS-FILM	1
1-37	335-5850-00	ILLUMI PLATE	1
1-38	345-8261-10	RUBBER CONNECT	1
1-39	335-5851-00	LCD HOLDER	1
1-40	001-7046-00	DIODE	2
1-41	335-5825-01	LED HOLDER	1
1-42	076-0535-01	PLUG	1
1-43	039-1393-00	SWITCH PWB (WITHOUT COMPONENT)	1
1-44	111-4711-91	FILM-R	1

Main Section



NO.	PARTS NO.	DESCRIPTION	QTY
2	290-7717-00	LABEL	1
3	780-2004-01	SCREW	7
4	286-9300-00	SETPLATE	1
5	304-0462-00	LOWER-CVR	1
6	347-5918-10	INSULATOR	1
7	731-3006-80	TAPTIGHT	10
8	345-3799-00	RUBBER CAP	4
9	929-0092-80	CD-MECH-MO	1
10	347-5993-00	INSULATOR	1
11	331-2543-00	CD-SUB-BRK	1
12	331-2545-00	CD-SUB-BRK	1
13	331-2544-00	CD-SUB-BRK	1
14	331-2542-00	CD-SUB-BRK	1
15	347-5916-11	INSULATOR	1
16	716-0717-10	STEEL SCREW	8
17	816-2391-00	FLAT CABLE	1
18	303-0473-00	UPPER-CVR	1
19	335-6020-00	CN-CVR	1
20	060-0057-57	AUTO-FUSE (15A)	1
21	074-1115-00	OUTLET SOCKET	1
22	039-0887-00	ISO-A-PWB (WITHOUT COMPONENT)	1
23	305-0276-00	SIDE-CVR	1
24	305-0277-00	SIDE-CVR	1
25	307-0617-00	REAR-CVR	1
26	855-5427-80	RCA PIN CORD	1
27	880-2080C	TUNER	1
28	074-1194-00	OUTLET SOCKET	1
29	074-0986-26	OUTLET SOCKET	1
30	092-9000-41	ANT-RECEPT	1
31	313-1747-00	HEAT SINK	1
32	102-3420-00	TRANSISTOR	2
33	009-9006-80	CHOKE	1
34	331-2549-00	SHIELD CASE	1
35	001-7011-06	DIODE	1
36	313-1746-00	HEAT SINK	1
37	331-2547-00	IC HOLDER	1
38	051-2031-10	IC	1
39	074-1198-68	OUTLET SOCKET	1
40	039-1392-02	MAIN PWB (WITHOUT COMPONENT)	1
41	285-1426-00	GUIDE LABEL	1
42	714-3006-81	MACHINE SCREW	4

NO.	PARTS NO.	DESCRIPTION	QTY
43	101-1143-00	TRANSISTOR	1
44	313-1745-00	HEAT SINK	1
45	042-0576-00	DOUBLE-LAYER-C	1
46	013-6100-00	SWITCH	1
47	042-0447-00	COIL	1
48	335-5848-00	SPRING HOLDER	2
49	341-1704-00	ROLLER	1
50	750-3327-01	SPRING	2
51	738-1722-17	PRECISION SCREW	4
52	750-3342-00	SPRING	1
53	746-0761-00	WASHER	1
54	613-0686-00	FAN GEAR	1
55	613-0685-00	GEAR	1
56	613-0687-00	GEAR DAMPER	1
57	331-2744-00	STOPPER	1
58	750-3341-00	SPRING	1
59	335-5847-00	HOOK	1
60	346-0114-10	LEATHER SHEET	1
61	290-7676-00	LABEL	1
62	335-5849-00	CN-CVR	1
63	370-5775-00	INNER-ES	1
64	347-5923-20	DOUBLE FACE	1
65	335-5845-00	ILLUMI PLATE	1
66	074-1145-02	OUTLET SOCKET	1
67	781-1735-00	PRECISION SCREW	2
68	039-1306-00	DCP-PWB (WITHOUT COMPONENT)	1
69	039-1328-01	FPC (WITHOUT COMPONENT)	1
70	347-5935-20	SPACER	1
71	347-5919-10	SURGE PROTECTOR	1
72	345-8265-21	CUSHION	2
73	347-5920-10	COVER FILM	1
74	347-5941-20	TAPTIGHT	1
75	946-0074-01	ARM-L-ASSY	1
76	946-0075-01	ARM-R-ASSY	1
77	946-0073-00	HOLDER-ASSY	1
78	347-6010-10	SPACER	1
79	291-0078-00	STICKER	1
80	341-1710-10	ROLLER	1
81	347-6212-10	STICKER	1
82	285-1340-00	GUIDE LABEL	1

■ ELECTRICAL PARTS LIST:

Main PWB (B1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
IC 201	051-3201-00	AN77L06	Q 603	102-2712-00	2SC2712	L 701	009-9006-80	CHOKE
IC 301	051-6201-00	LC72146M	Q 604	125-2004-03	RN1403	L 801	010-2230-35	120 μ H
IC 401	051-3015-00	NJM4580M	Q 801	125-2031-02	MNU2211T1	X 301	061-1066-00	7.2 MHz
IC 402	051-3015-00	NJM4580M	Q 901	103-1802-60	2SD1802FA	X 601	060-1505-50	4.5MHz
IC 403	051-1250-08	TC4S66	Q 902	125-0024-02	MNU2111T1	X 602	061-3506-90	32.768KHz
IC 404	051-0350-03	NJM4558M	Q 903	125-2031-02	MNU2211T1	X 801	061-3013-00	4.332 MHz
IC 405	051-1250-08	TC4S66	Q 904	102-3420-00	2SC3420GR	C 101	176-1801-00	50V 18PF
IC 501	051-5015-00	TEA6320	Q 905	101-1240-00	2SB1240	C 102	176-4701-00	50V 47PF
IC 502	051-0350-03	NJM4558M	Q 906	125-2004-06	RN1406	C 103	178-1032-78	25V 0.01 μ F
IC 503	051-3015-00	NJM4580M	D 201	001-7011-96	CL-150SR-CD-T	C 104	178-1032-78	25V 0.01 μ F
IC 504	051-3015-00	NJM4580M	D 202	001-0466-00	S5688B	C 105	183-1073-22	10V 100 μ F
IC 505	051-0350-03	NJM4558M	D 203	001-0466-00	S5688B	C 107	178-1032-78	25V 0.01 μ F
IC 601	051-6600-08	CA0008AM	D 204	001-0516-00	MA111	C 108	178-1032-78	25V 0.01 μ F
IC 602	052-3907-10	M30620MC-D38FP	D 205	001-0466-00	S5688B	C 109	178-1022-78	50V 1000PF
IC 603	051-5403-08	S-80725DNT	D 209	001-0516-00	MA111	C 110	176-1011-00	50V 100PF
IC 604	051-0869-58	NJM2103M	D 210	001-0516-00	MA111	C 111	163-1053-60	50V 1 μ F
IC 701	051-2031-10	LA4743A	D 211	001-0377-11	MA4030M	C 112	178-1522-78	50V 1500PF
IC 801	051-0350-03	NJM4558M	D 401	001-0516-00	MA111	C 113	178-4732-78	25V 0.047 μ F
IC 802	051-1819-50	TDA7479D	D 402	001-0516-00	MA111	C 115	183-1073-22	10V 100 μ F
Q 101	103-1306-00	2SD1306	D 403	001-0516-00	MA111	C 116	178-1022-78	50V 1000PF
Q 102	125-0024-03	MNU2112T1	D 404	001-0516-00	MA111	C 199	178-1022-78	50V 1000PF
Q 103	100-1162-00	2SA1162	D 405	001-0528-44	MA8082M	C 131	178-1032-78	25V 0.01 μ F
Q 104	100-1162-00	2SA1162	D 501	001-0516-00	MA111	C 132	178-1032-78	25V 0.01 μ F
Q 201	102-2712-00	2SC2712	D 502	001-0516-00	MA111	C 201	178-1032-78	25V 0.01 μ F
Q 202	100-1162-00	2SA1162	D 503	001-0503-46	HZ9B2L	C 205	172-4731-10	50V 0.047 μ F
Q 203	125-2031-03	MNU2212T1	D 601	001-0347-66	MA4160M	C 206	178-2232-78	25V 0.022 μ F
Q 204	101-1143-00	2SB1143	D 602	001-0659-00	SLP-181B-51	C 207	042-0505-01	10V 22 μ F
Q 205	101-1237-00	2SB1237	D 603	001-0516-00	MA111	C 208	163-1053-60	50V 1 μ F
Q 206	100-1162-00	2SA1162	D 604	001-0347-66	MA4160M	C 211	163-1063-30	16V 10 μ F
Q 207	102-2712-00	2SC2712	D 605	001-0466-00	S5688B	C 213	178-1032-78	25V 0.01 μ F
Q 208	125-2031-03	MNU2212T1	D 701	001-0466-01	S5688G	C 220	178-2232-78	25V 0.022 μ F
Q 209	101-1243-00	2SB1243	D 702	001-0466-01	S5688G	C 221	163-4753-50	35V 4.7 μ F
Q 210	125-2004-06	RN1406	D 703	001-0466-01	S5688G	C 233	176-1011-00	50V 100PF
Q 211	100-1298-00	2SA1298	D 704	001-0466-01	S5688G	C 266	178-1032-78	25V 0.01 μ F
Q 212	125-2004-06	RN1406	D 705	001-0466-01	S5688G	C 301	178-8222-78	50V 820OPF
Q 213	100-1298-00	2SA1298	D 706	001-0466-01	S5688G	C 302	178-1222-78	50V 120OPF
Q 214	100-1162-00	2SA1162	D 707	001-0466-01	S5688G	C 303	178-1042-78	25V 0.1 μ F
Q 215	102-2712-00	2SC2712	D 708	001-0466-01	S5688G	C 304	163-4743-60	50V 0.47 μ F
Q 216	102-2712-00	2SC2712	D 709	001-0592-00	RM4Z	C 305	163-2253-60	50V 22 μ F
Q 301	108-0669-00	2SK669	D 710	001-0466-00	S5688B	C 306	176-1011-00	50V 100PF
Q 302	125-2031-02	RN1402	D 711	001-0466-00	S5688B	C 307	176-1011-00	50V 100PF
Q 401	125-2031-02	MNU2211T1	D 801	001-0516-00	MA111	C 308	176-1011-00	50V 100PF
Q 402	125-2004-06	RN1406	D 802	001-0516-00	MA111	C 309	176-1011-00	50V 100PF
Q 403	125-0002-06	RN2406	D 901	001-0503-32	HZS6A3L	C 310	183-4763-12	6.3V 47 μ F
Q 404	102-2712-00	2SC2712	D 902	001-0503-46	HZ9B2L	C 311	176-1201-00	50V 12P F
Q 405	125-4001-00	XN1504	L 101	010-2230-19	5.6 μ H	C 312	176-1201-00	50V 12P F
Q 406	125-4001-00	XN1504	L 102	010-2230-19	5.6 μ H	C 315	178-2232-78	25V 0.022 μ F
Q 501	102-3420-00	2SC3420GR	L 201	010-2230-19	5.6 μ H	C 401	163-2263-30	16V 22 μ F
Q 502	108-0241-50	2SK241	L 203	010-2230-14	2.2 μ H	C 402	163-1063-30	16V 10 μ F
Q 503	102-2712-00	2SC2712	L 204	010-2230-10	1 μ H	C 403	163-2263-30	16V 22 μ F
Q 601	125-2031-02	MNU2211T1	L 301	010-2230-35	120 μ H	C 404	163-1063-30	16V 10 μ F
Q 602	125-2031-03	MNU2212T1	L 604	010-2230-26	22 μ H	C 405	176-1011-00	50V 100 PF

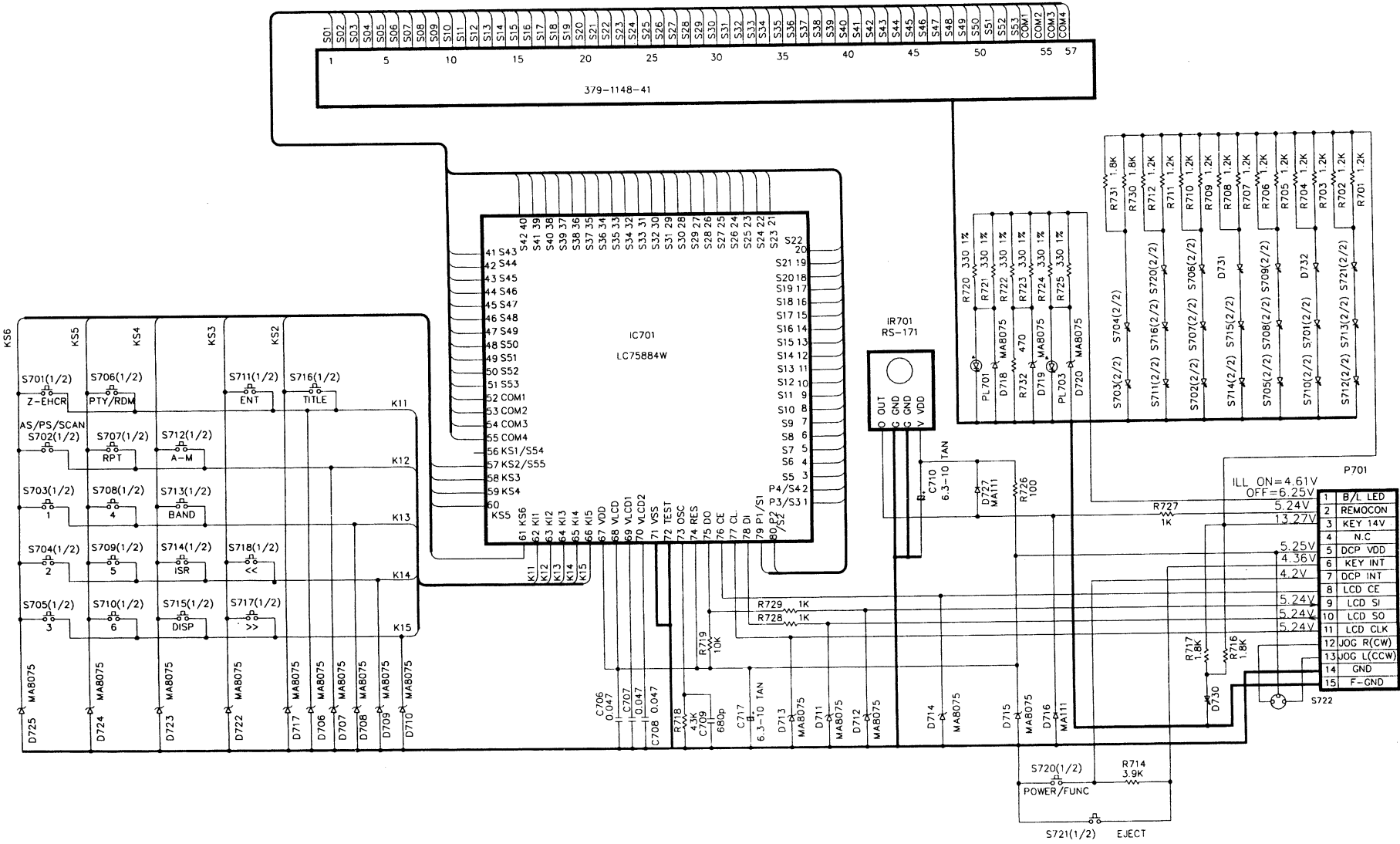
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C 407	176-1011-00	50V 100PF	C 537	178-2232-78	25V 0.022 μ F	R 102	117-1021-10	1/10W 1K Ω
C 408	163-1063-30	16V 10 μ F	C 538	176-1201-00	50V 12PF	R 103	117-1831-10	1/10W 18K Ω
C 409	163-1063-30	16V 10 μ F	C 539	163-1063-30	16V 10 μ F	R 104	111-3311-91	1/4WSS 330 Ω
C 410	163-1063-30	16V 10 μ F	C 540	163-1063-30	16V 10 μ F	R 105	117-1021-10	1/10W 1K Ω
C 411	163-2263-30	16V 22 μ F	C 541	163-1063-30	16V 10 μ F	R 106	117-1231-10	1/10W 12K Ω
C 412	163-1063-30	16V 10 μ F	C 542	163-1063-30	16V 10 μ F	R 107	117-8221-10	1/10W 8.2K Ω
C 413	163-2263-30	16V 22 μ F	C 543	176-1201-00	50V 12PF	R 108	117-1021-10	1/10W 1K Ω
C 414	163-1063-30	16V 10 μ F	C 544	176-1201-00	50V 12PF	R 109	117-2241-10	1/10W 220K Ω
C 415	176-1011-00	50V 100PF	C 545	176-1201-00	50V 12PF	R 110	117-1031-10	1/10W 10K Ω
C 417	176-1011-00	50V 100PF	C 560	176-1011-00	50V 100PF	R 112	117-1031-10	1/10W 10K Ω
C 418	163-1063-30	16V 10 μ F	C 601	178-1022-78	50V 1000PF	R 113	117-1031-10	1/10W 10K Ω
C 419	163-1063-30	16V 10 μ F	C 602	178-1022-78	50V 1000PF	R 114	117-4721-10	1/10W 4.7K Ω
C 420	163-1063-30	16V 10 μ F	C 603	178-4732-78	25V 0.047 μ F	R 115	117-1031-10	1/10W 10K Ω
C 430	163-1053-60	50V 1 μ F	C 604	178-1032-78	25V 0.01 μ F	R 116	117-5631-10	1/10W 56K Ω
C 499	178-1032-78	25V 0.01 μ F	C 605	163-2263-30	16V 22 μ F	R 117	117-1031-10	1/10W 10K Ω
C 501	163-2253-60	50V 2.2 μ F	C 606	042-0576-00	5.5V 0.1F	R 118	117-1031-10	1/10W 10K Ω
C 502	163-3343-60	50V 0.33 μ F	C 607	176-1801-00	50V 18PF	R 119	117-1521-10	1/10W 1.5K Ω
C 503	163-2253-60	50V 2.2 μ F	C 608	176-1801-00	50V 18PF	R 12	117-0000-00	1/10W 0 Ω JW
C 504	178-1822-78	50V 1800PF	C 609	178-1042-78	25V 0.1 μ F	R 120	117-1521-10	1/10W 1.5K Ω
C 505	178-1822-78	50V 1800PF	C 610	163-1063-60	50V 10 μ F	R 121	117-8201-10	1/10W 82 Ω
C 506	178-1032-78	25V 0.01 μ F	C 611	178-1032-78	25V 0.01 μ F	R 200	111-1591-91	1/4WSS 1.5 Ω
C 507	178-1032-78	25V 0.01 μ F	C 612	178-2242-78	25V 0.22 μ F	R 201	117-1031-10	1/10W 10K Ω
C 508	163-1063-30	16V 10 μ F	C 616	178-1032-78	25V 0.01 μ F	R 202	117-1031-10	1/10W 10K Ω
C 509	163-1063-30	16V 10 μ F	C 617	178-1022-78	50V 1000PF	R 203	111-1201-91	1/4WSS 12 Ω
C 510	178-1022-78	50V 1000PF	C 701	163-2263-50	35V 22 μ F	R 204	117-1221-10	1/10W 1.2K Ω
C 511	178-1022-78	50V 1000PF	C 702	182-4746-62	50V 0.47 μ F	R 205	117-1221-10	1/10W 1.2K Ω
C 512	178-3322-78	50V 3300PF	C 703	182-4746-62	50V 0.47 μ F	R 206	117-1031-10	1/10W 10K Ω
C 513	163-1053-60	50V 1 μ F	C 704	182-4746-62	50V 0.47 μ F	R 207	117-3321-10	1/10W 3.3K Ω
C 514	163-4753-50	35V 4.7 μ F	C 705	182-4746-62	50V 0.47 μ F	R 208	111-1591-91	1/4WSS 1.5 Ω
C 515	163-4753-50	35V 4.7 μ F	C 706	183-4763-32	16V 47 μ F	R 209	111-1591-91	1/4WSS 1.5 Ω
C 516	163-4753-50	35V 4.7 μ F	C 708	183-3353-62	50V 3.3 μ F	R 210	117-3321-10	1/10W 3.3K Ω
C 517	163-4753-50	35V 4.7 μ F	C 709	042-0447-00	16V 2200 μ F	R 211	117-2231-10	1/10W 22K Ω
C 518	163-4753-50	35V 4.7 μ F	C 710	172-2231-10	50V 0.022 μ F	R 212	111-1221-91	1/4WSS 1.2K Ω
C 519	163-4753-50	35V 4.7 μ F	C 801	178-2232-78	25V 0.022 μ F	R 213	117-1031-10	1/10W 10K Ω
C 520	163-1053-60	50V 1 μ F	C 802	176-5611-00	50V 560PF	R 214	111-1521-91	1/4WSS 1.5K Ω
C 521	178-3322-78	50V 3300PF	C 803	176-5611-00	50V 560PF	R 215	117-1031-10	1/10W 10K Ω
C 522	183-4763-32	16V 47 μ F	C 804	178-2232-78	25V 0.022 μ F	R 216	117-3321-10	1/10W 3.3K Ω
C 523	178-1032-78	25V 0.01 μ F	C 805	178-1032-78	25V 0.01 μ F	R 217	117-1031-10	1/10W 10K Ω
C 524	183-1073-22	10V 100 μ F	C 806	163-2253-60	50V 2.2 μ F	R 218	117-3321-10	1/10W 3.3K Ω
C 525	178-1542-78	25V 0.15 μ F	C 807	176-3311-00	50V 330PF	R 219	117-4731-10	1/10W 47K Ω
C 526	178-5632-78	25V 0.056 μ F	C 808	183-4763-12	6.3V 47 μ F	R 220	117-1531-10	1/10W 15K Ω
C 527	178-5622-78	50V 5600PF	C 809	178-1042-78	25V 0.1 μ F	R 221	117-1031-10	1/10W 10K Ω
C 528	183-1073-22	10V 100 μ F	C 810	176-8201-00	50V 82PF	R 222	117-4741-10	1/10W 470K Ω
C 529	178-1542-78	25V 0.15 μ F	C 811	176-4701-00	50V 47PF	R 223	117-4721-10	1/10W 4.7K Ω
C 530	178-5632-78	25V 0.056 μ F	C 814	176-1007-00	50V 10PF	R 228	111-1591-91	1/4WSS 1.5 Ω
C 531	178-5622-78	50V 5600PF	C 901	183-1073-22	10V 100 μ F	R 229	111-1591-91	1/4WSS 1.5 Ω
C 532	183-1073-22	10V 100 μ F	C 902	163-1063-30	16V 10 μ F	R 230	117-4731-10	1/10W 47K Ω
C 533	163-1063-30	16V 10 μ F	C 903	183-4763-32	16V 47 μ F	R 231	111-4701-91	1/4WSS 47 Ω
C 534	178-4732-78	25V 0.047 μ F	C 904	163-1063-30	16V 10 μ F	R 232	111-1221-91	1/4WSS 1.2K Ω
C 535	178-4732-78	25V 0.047 μ F	C 906	178-1022-78	50V 1000PF	R 233	111-1811-91	1/4WSS 180 Ω
C 536	178-2232-78	25V 0.022 μ F	R 101	117-3331-10	1/10W 33K Ω	R 234	117-2221-10	1/10W 2.2K Ω

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R 235	117-1031-10	1/10W 10K Ω	R 427	117-1041-10	1/10W 100K Ω	R 606	117-2231-10	1/10W 22K Ω
R 236	117-1031-10	1/10W 10K Ω	R 428	117-1041-10	1/10W 100K Ω	R 607	117-3311-10	1/10W 330 Ω
R 237	117-1041-10	1/10W 100K Ω	R 429	117-1021-10	1/10W 1K Ω	R 608	117-1521-10	1/10W 1.5K Ω
R 238	117-2221-10	1/10W 2.2K Ω	R 430	117-1021-10	1/10W 1K Ω	R 609	117-1031-10	1/10W 10K Ω
R 239	117-4721-10	1/10W 4.7K Ω	R 431	117-1241-10	1/10W 120K Ω	R 610	117-4731-10	1/10W 47K Ω
R 240	117-1011-10	1/10W 100 Ω	R 432	117-4731-10	1/10W 47K Ω	R 611	117-2231-10	1/10W 22K Ω
R 241	117-1021-10	1/10W 1K Ω	R 433	117-4721-10	1/10W 4.7K Ω	R 612	117-1031-10	1/10W 10K Ω
R 242	117-1021-10	1/10W 1K Ω	R 434	117-1021-10	1/10W 1K Ω	R 613	117-5621-10	1/10W 5.6K Ω
R 243	117-1021-10	1/10W 1K Ω	R 435	117-4721-10	1/10W 4.7K Ω	R 614	117-1541-10	1/10W 150K Ω
R 244	117-1021-10	1/10W 1K Ω	R 437	117-1031-10	1/10W 10K Ω	R 615	117-1241-10	1/10W 120K Ω
R 245	117-1041-10	1/10W 100K Ω	R 440	117-2231-10	1/10W 22K Ω	R 616	117-4731-10	1/10W 47K Ω
R 246	117-1031-10	1/10W 10K Ω	R 441	117-1021-10	1/10W 1K Ω	R 617	117-1831-10	1/10W 18K Ω
R 247	117-1031-10	1/10W 10K Ω	R 498	117-1031-10	1/10W 10K Ω	R 618	117-8221-10	1/10W 8.2K Ω
R 301	117-1231-10	1/10W 12K Ω	R 499	117-3021-10	1/10W 3K Ω	R 619	117-4321-10	1/10W 4.3K Ω
R 302	111-2711-91	1/4WSS 270 Ω	R 501	117-1031-10	1/10W 10K Ω	R 620	117-4721-10	1/10W 4.7K Ω
R 303	117-2221-10	1/10W 2.2K Ω	R 502	117-2031-10	1/10W 20K Ω	R 621	117-4731-10	1/10W 47K Ω
R 304	117-1021-10	1/10W 1K Ω	R 503	117-2031-10	1/10W 20K Ω	R 701	117-4721-10	1/10W 4.7K Ω
R 305	117-1031-10	1/10W 10K Ω	R 504	117-1031-10	1/10W 10K Ω	R 702	117-4721-10	1/10W 4.7K Ω
R 306	117-1031-10	1/10W 10K Ω	R 505	117-4721-10	1/10W 4.7K Ω	R 703	117-4721-10	1/10W 4.7K Ω
R 307	117-1031-10	1/10W 10K Ω	R 506	117-4721-10	1/10W 4.7K Ω	R 704	117-4721-10	1/10W 4.7K Ω
R 308	117-1021-10	1/10W 1K Ω	R 507	117-2231-10	1/10W 22K Ω	R 705	117-1231-10	1/10W 12K Ω
R 309	117-1021-10	1/10W 1K Ω	R 508	117-2231-10	1/10W 22K Ω	R 801	117-1031-10	1/10W 10K Ω
R 310	117-1021-10	1/10W 1K Ω	R 509	117-3021-10	1/10W 3K Ω	R 802	117-1231-10	1/10W 12K Ω
R 401	117-1821-10	1/10W 1.8K Ω	R 510	117-3021-10	1/10W 3K Ω	R 803	117-3321-10	1/10W 3.3K Ω
R 403	117-1231-10	1/10W 12K Ω	R 511	117-2721-10	1/10W 2.7K Ω	R 804	117-2231-10	1/10W 22K Ω
R 404	117-3021-10	1/10W 3K Ω	R 512	117-4721-10	1/10W 4.7K Ω	R 805	117-1041-10	1/10W 100K Ω
R 405	117-1821-10	1/10W 1.8K Ω	R 513	117-4721-10	1/10W 4.7K Ω	R 806	117-2211-10	1/10W 220 Ω
R 406	117-2231-10	1/10W 22K Ω	R 514	117-1531-10	1/10W 15K Ω	R 807	117-2221-10	1/10W 2.2K Ω
R 407	117-2231-10	1/10W 22K Ω	R 515	117-2721-10	1/10W 2.7K Ω	R 901	111-2211-91	1/4WSS 220 Ω
R 408	117-3311-10	1/10W 330 Ω	R 516	117-1041-10	1/10W 100K Ω	R 902	117-4731-10	1/10W 47K Ω
R 409	117-3311-10	1/10W 330 Ω	R 517	117-1021-10	1/10W 1K Ω	R 903	117-1041-10	1/10W 100K Ω
R 410	117-1021-10	1/10W 1K Ω	R 518	117-1021-10	1/10W 1K Ω	R 904	117-1041-10	1/10W 100K Ω
R 411	117-1821-10	1/10W 1.8K Ω	R 519	117-1241-10	1/10W 120K Ω	R 905	117-1041-10	1/10W 100K Ω
R 412	117-1231-10	1/10W 12K Ω	R 520	117-3021-10	1/10W 3K Ω	R 907	117-0000-00	1/10W 0 Ω JW
R 413	117-1821-10	1/10W 1.8K Ω	R 521	117-3021-10	1/10W 3K Ω	R 908	111-4711-91	1/4WSS 470 Ω
R 414	117-3021-10	1/10W 3K Ω	R 522	117-3021-10	1/10W 3K Ω	R 909	111-4711-91	1/4WSS 470 Ω
R 415	117-3021-10	1/10W 3K Ω	R 523	117-3021-10	1/10W 3K Ω	R 910	111-1221-91	1/4WSS 1.2K Ω
R 416	117-2231-10	1/10W 22K Ω	R 524	117-5131-10	1/10W 51K Ω	R 911	111-1221-91	1/4WSS 1.2K Ω
R 417	117-2231-10	1/10W 22K Ω	R 525	117-5131-10	1/10W 51K Ω	R 912	117-1031-10	1/10W 10K Ω
R 418	117-3311-10	1/10W 330 Ω	R 526	117-5131-10	1/10W 51K Ω	SUP101	060-0122-10	DSP-201 M-S00B
R 419	117-3311-10	1/10W 330 Ω	R 527	117-5131-10	1/10W 51K Ω	CN 101	074-1198-68	OUTLET SOCKET
R 420	117-1021-10	1/10W 1K Ω	R 528	117-1531-10	1/10W 15K Ω	CN 102	074-1115-00	OUTLET SOCKET
R 421	117-4721-10	1/10W 4.7K Ω	R 529	117-2231-10	1/10W 22K Ω	CN 105	074-1194-00	OUTLET SOCKET
R 422	117-4731-10	1/10W 47K Ω	R 601	111-6801-91	1/4WSS 68 Ω	CN 106	074-0986-26	OUTLET SOCKET
R 423	117-4731-10	1/10W 47K Ω	R 602	111-1011-91	1/4WSS 100 Ω	S 201	013-6100-00	SKHLLB(RESET)
R 424	117-1031-10	1/10W 10K Ω	R 603	111-1011-91	1/4WSS 100 Ω	FUSE	060-0057-57	15A
R 425	117-1041-10	1/10W 100K Ω	R 604	117-3321-10	1/10W 3.3K Ω			
R 426	117-1041-10	1/10W 100K Ω	R 605	117-4711-10	1/10W 470 Ω			

Switch PWB (B2) section

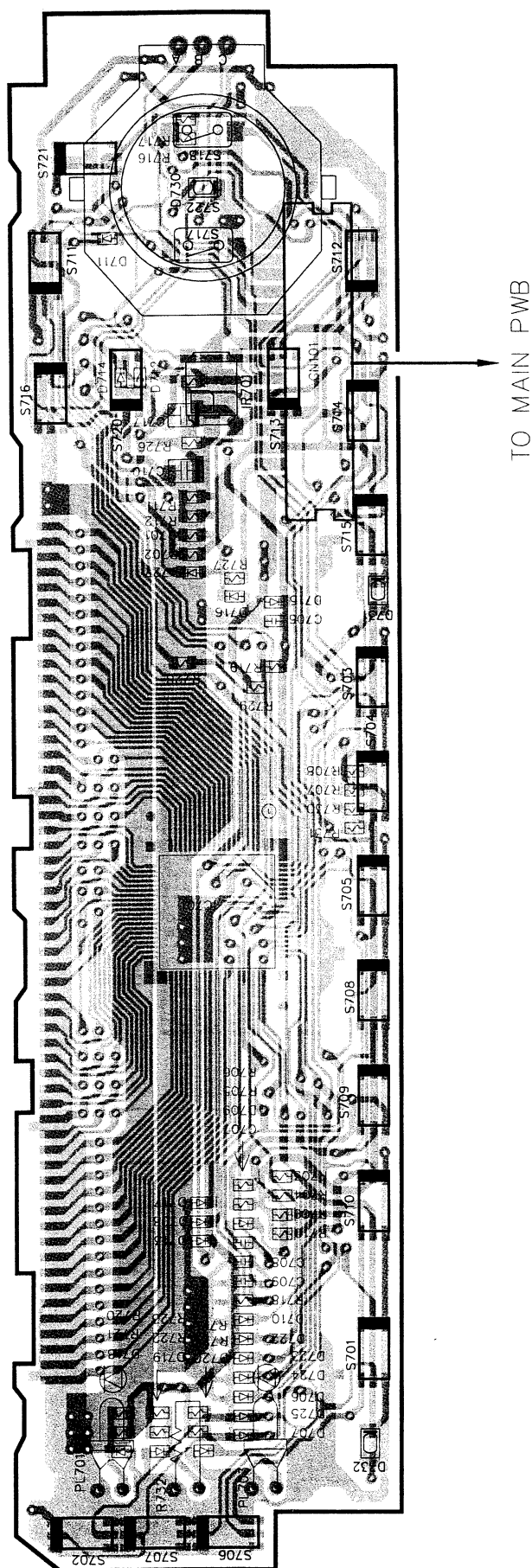
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IC 701	051-6037-00	LC75884W	C 717	042-0416-51	6.3V 10 μ F (TAN)	R 731	117-1821-10	1/10W 1.8K Ω
D 706	001-0584-23	MA8075	R 701	117-1221-10	1/10W 1.2K Ω	R 732	111-4711-91	1/4WSS 160 Ω
D 707	001-0584-23	MA8075	R 702	117-1221-10	1/10W 1.2K Ω	CN 701	076-0535-01	PLUG
D 708	001-0584-23	MA8075	R 703	117-1221-10	1/10W 1.2K Ω	PL 701	001-7046-00	NSPW310BS
D 709	001-0584-23	MA8075	R 704	117-1221-10	1/10W 1.2K Ω	PL 703	001-7046-00	NSPW310BS
D 710	001-0584-23	MA8075	R 705	117-1221-10	1/10W 1.2K Ω	S 701	013-6511-00	LS9J2M-1SR-T
D 711	001-0584-23	MA8075	R 706	117-1221-10	1/10W 1.2K Ω	S 702	013-6511-00	LS9J2M-1SR-T
D 712	001-0584-23	MA8075	R 707	117-1221-10	1/10W 1.2K Ω	S 703	013-6511-00	LS9J2M-1SR-T
D 713	001-0584-23	MA8075	R 708	117-1221-10	1/10W 1.2K Ω	S 704	013-6511-00	LS9J2M-1SR-T
D 714	001-0584-23	MA8075	R 709	117-1221-10	1/10W 1.2K Ω	S 705	013-6511-00	LS9J2M-1SR-T
D 715	001-0584-23	MA8075	R 710	117-1221-10	1/10W 1.2K Ω	S 706	013-6511-00	LS9J2M-1SR-T
D 716	001-0516-00	MA111	R 711	117-1221-10	1/10W 1.2K Ω	S 707	013-6511-00	LS9J2M-1SR-T
D 717	001-0584-23	MA8075	R 712	117-1221-10	1/10W 1.2K Ω	S 708	013-6511-00	LS9J2M-1SR-T
D 718	001-0584-23	MA8075	R 714	117-3921-10	1/10W 3.9K Ω	S 709	013-6511-00	LS9J2M-1SR-T
D 719	001-0584-23	MA8075	R 716	117-1821-10	1/10W 1.8K Ω	S 710	013-6511-00	LS9J2M-1SR-T
D 720	001-0584-23	MA8075	R 717	117-1821-10	1/10W 1.8K Ω	S 711	013-6511-00	LS9J2M-1SR-T
D 722	001-0584-23	MA8075	R 718	117-4331-10	1/10W 43K Ω	S 712	013-6511-00	LS9J2M-1SR-T
D 723	001-0584-23	MA8075	R 719	117-1031-10	1/10W 10K Ω	S 713	013-6511-00	LS9J2M-1SR-T
D 724	001-0584-23	MA8075	R 720	032-0092-80	1/10W 300 Ω 1%	S 714	013-6511-00	LS9J2M-1SR-T
D 725	001-0584-23	MA8075	R 721	032-0092-80	1/10W 300 Ω 1%	S 715	013-6511-00	LS9J2M-1SR-T
D 727	001-0516-00	MA111	R 722	032-0092-80	1/10W 300 Ω 1%	S 716	013-6511-00	LS9J2M-1SR-T
D 730	001-7040-00	NSCB100(BLUE)	R 723	032-0092-80	1/10W 300 Ω 1%	S 717	013-6302-00	SKQMAL
D 731	001-7011-06	CL-150SR-CD-T	R 724	032-0092-80	1/10W 300 Ω 1%	S 718	013-6302-00	SKQMAL
D 732	001-7011-06	CL-150SR-CD-T	R 725	032-0092-80	1/10W 300 Ω 1%	S 720	013-6511-00	LS9J2M-1SR-T
C 706	178-4735-56	25V 0.047 μ F	R 726	117-1011-10	1/10W 100 Ω	S 721	013-6511-00	LS9J2M-1SR-T
C 707	178-4735-56	25V 0.047 μ F	R 727	117-1021-10	1/10W 1K Ω	S 722	013-8001-00	JRS0000-1401
C 708	178-4735-56	25V 0.047 μ F	R 728	117-1021-10	1/10W 1K Ω	IR 701	060-4008-00	RS-171
C 709	176-6811-00	50V 680PF	R 729	117-1021-10	1/10W 1K Ω			
C 710	042-0416-51	6.3V 10 μ F (TAN)	R 730	117-1821-10	1/10W 1.8K Ω			

■ CIRCUIT DIAGRAM: Switch PWB (B2) section

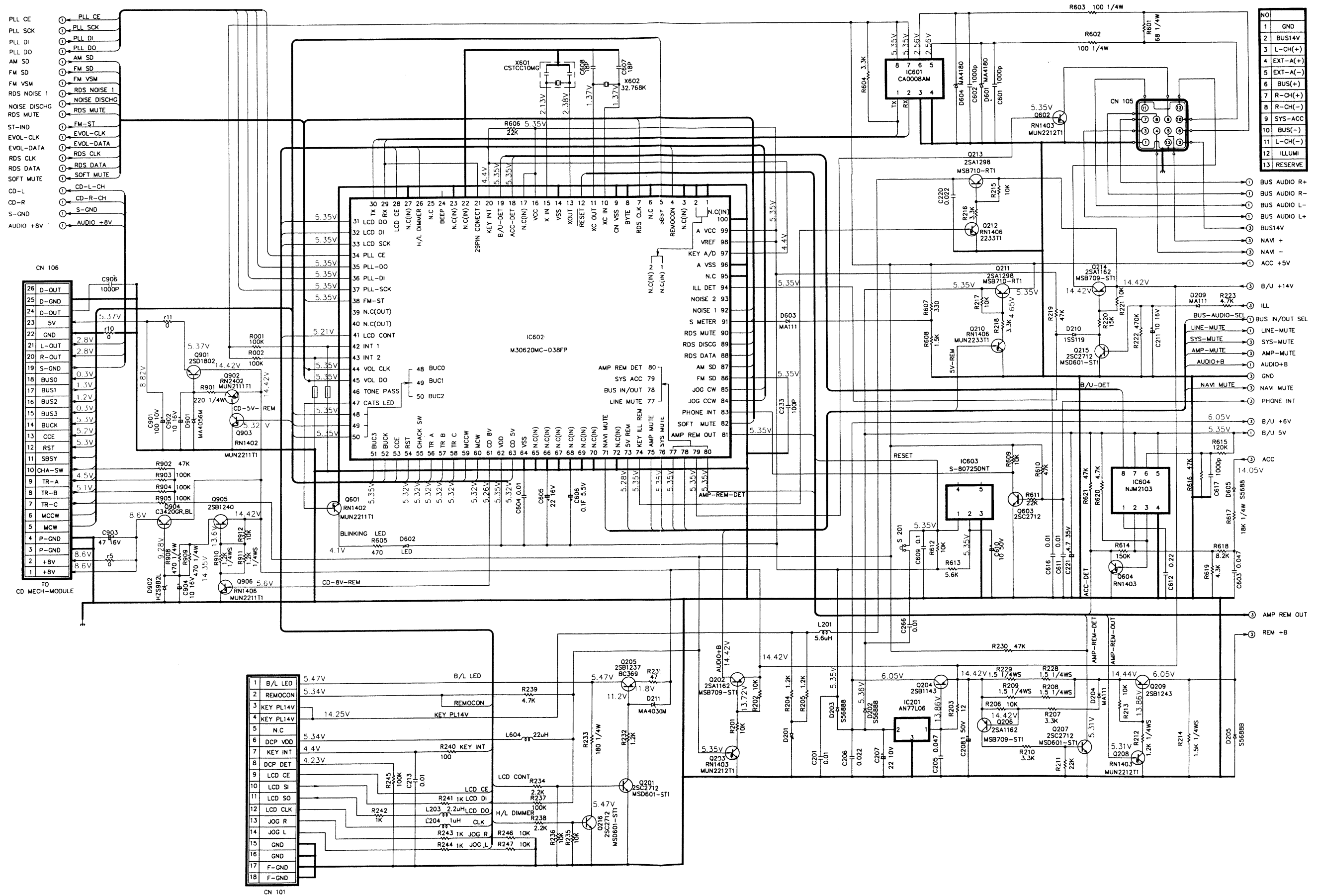


■ PRINTED WIRING BOARD:

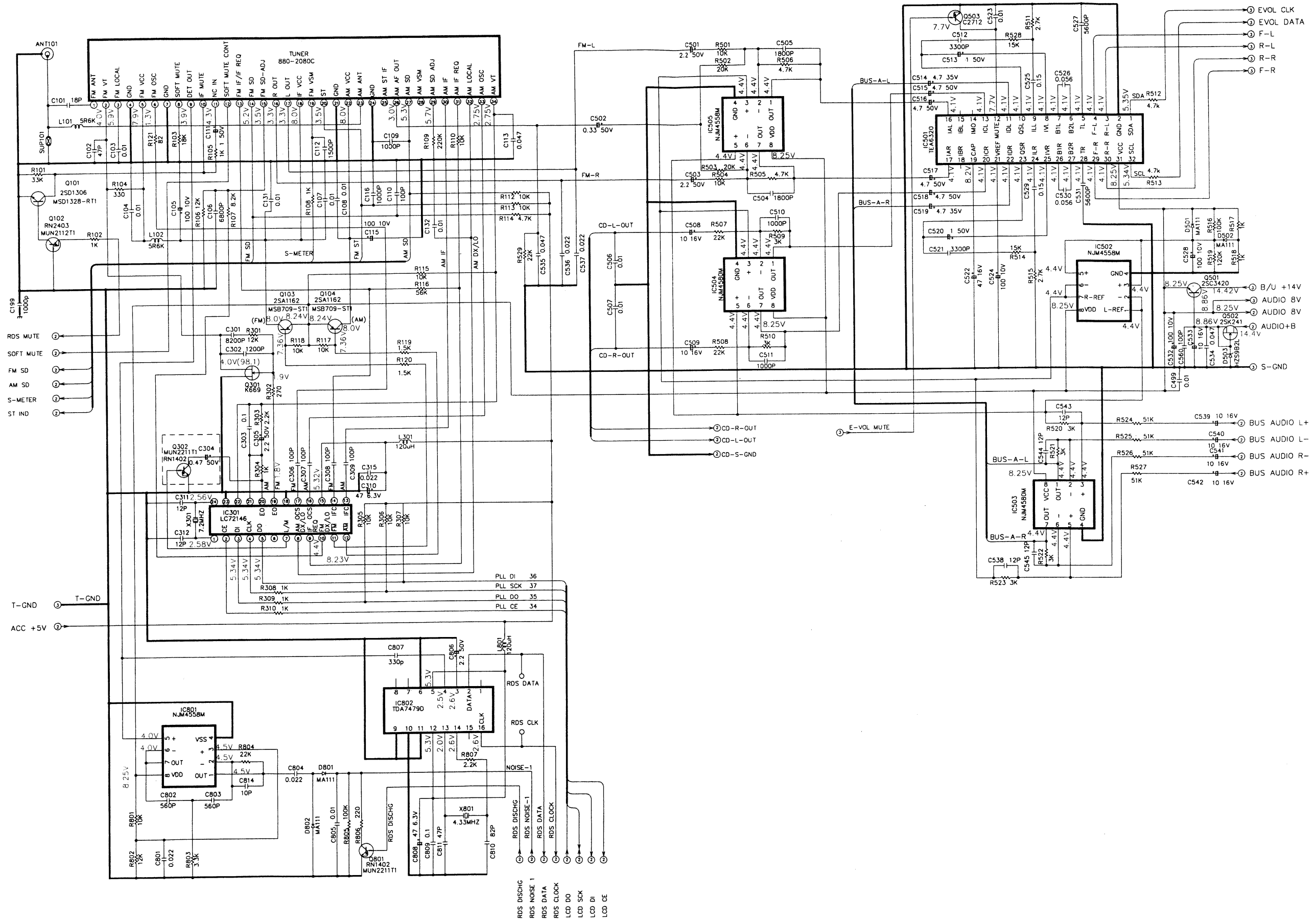
Switch PWB (B2) section



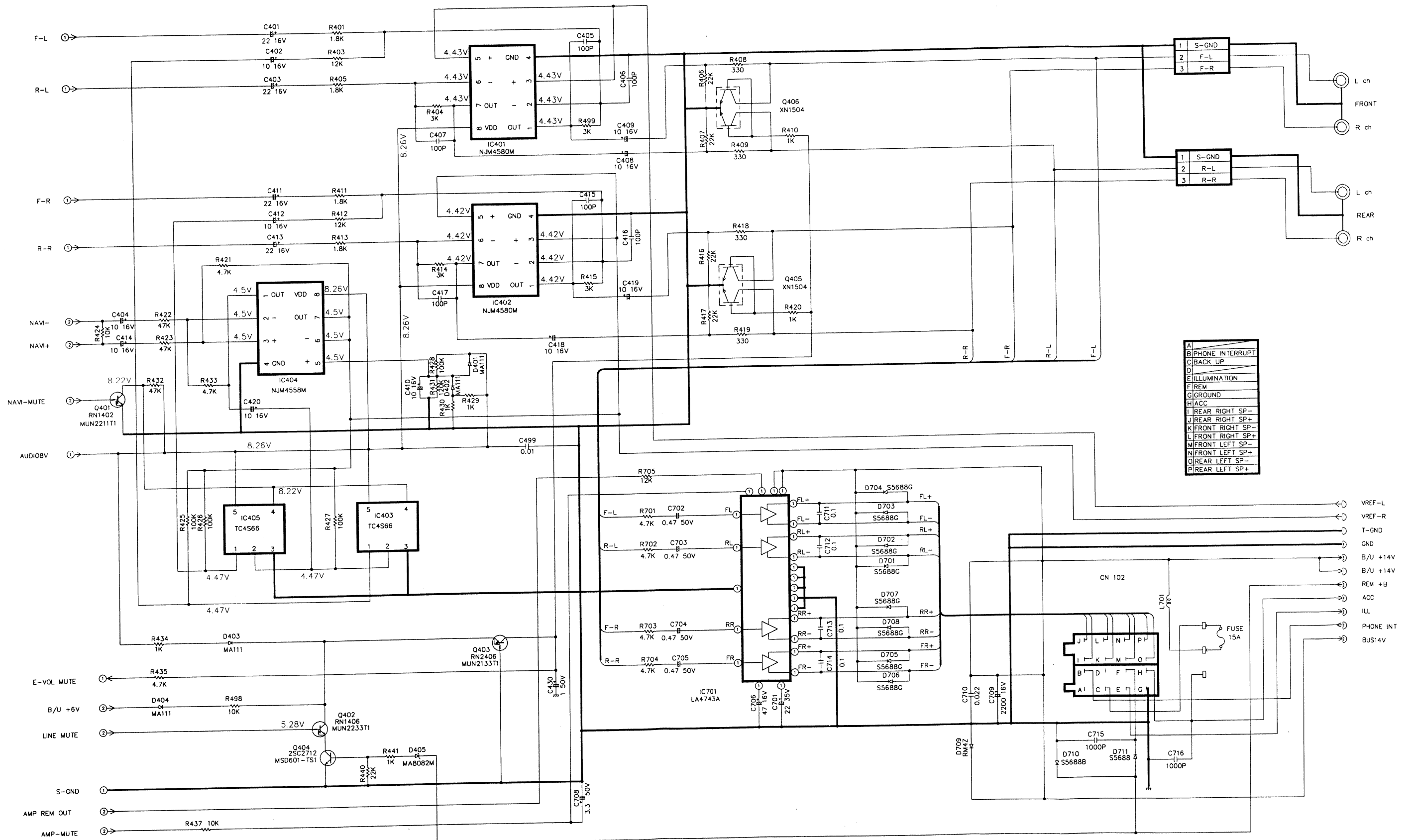
■ CIRCUIT DIAGRAM:
Main PWB (B1) section(2/3)



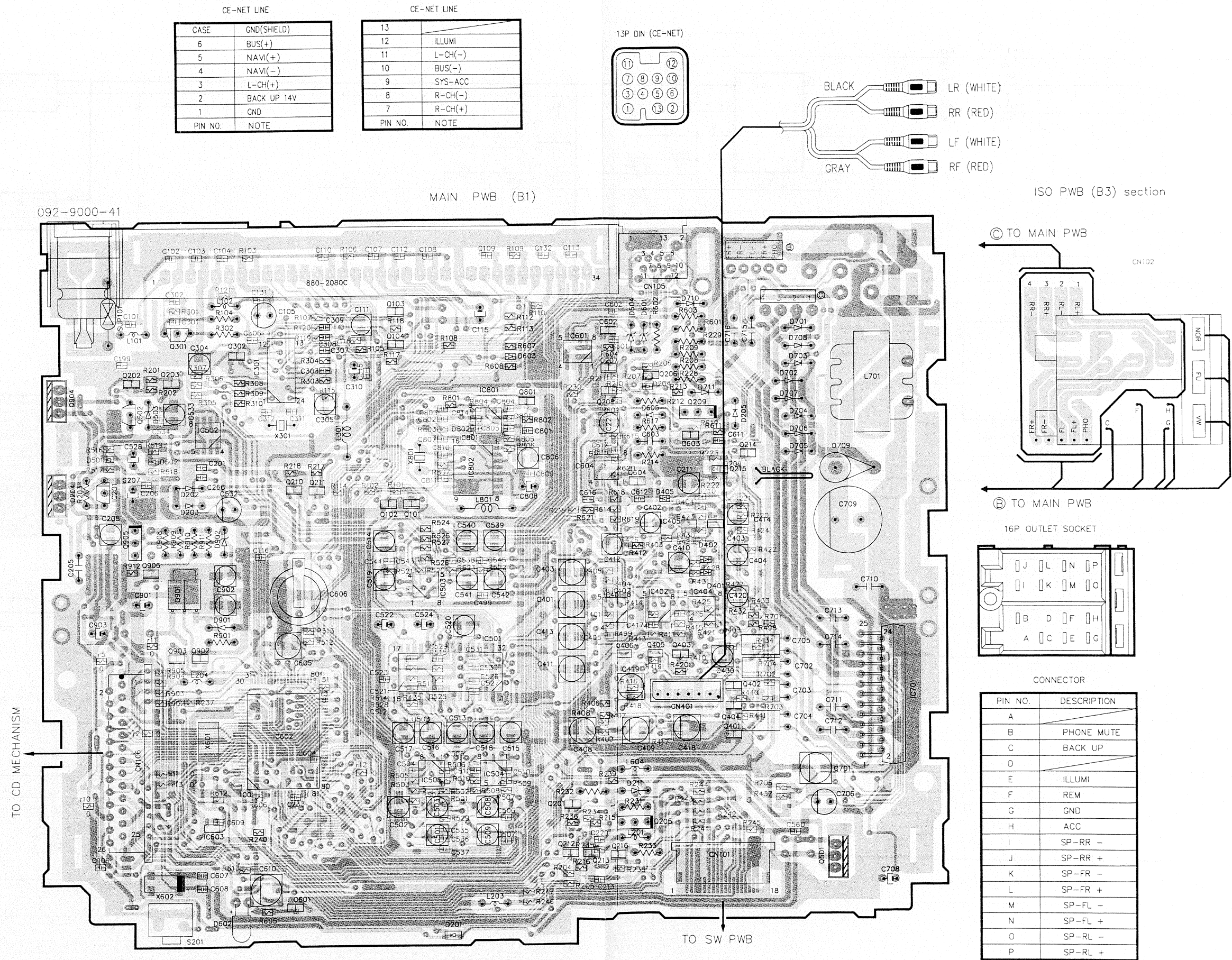
■ CIRCUIT DIAGRAM:
Main PWB (B1) section(1/3)



■ CIRCUIT DIAGRAM:
Main PWB (B1) section(3/3)



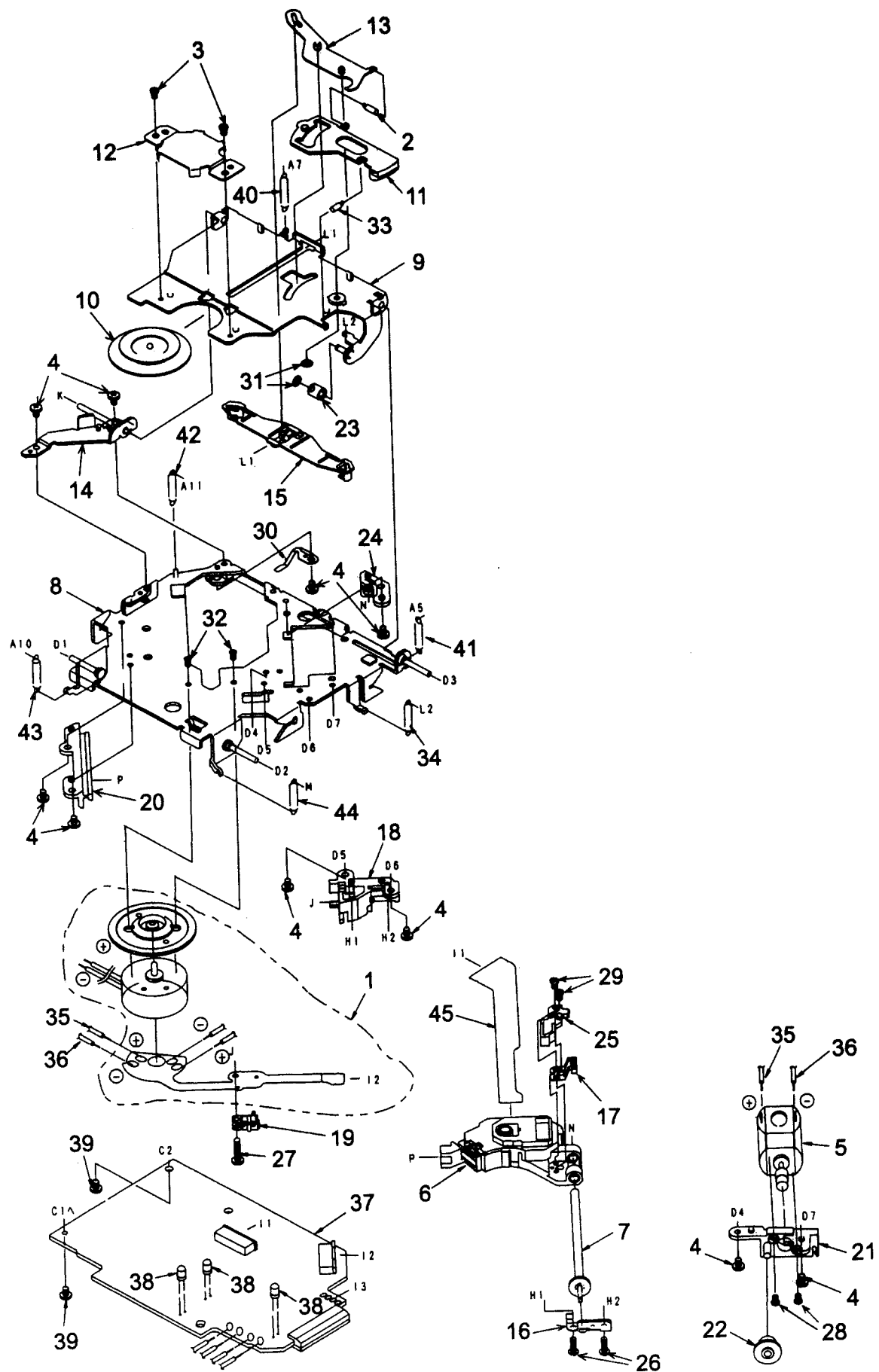
■ PRINTED WIRING BOARD:
Main PWB (B1) section



■ EXPLODED VIEW:

CD mechanism section 929-0092-80(BB-CD)

Drive unit section



■ PARTS LIST:

Note) Several different parts of the same reference number are alternative parts.

One of those parts is used in the set.

Drive unit section

NO.	PARTS NO.	DESCRIPTION	QTY	NO.	PARTS NO.	DESCRIPTION	QTY
1	SMA-151-100	MOTOR ASSY (SPINDLE)	1	25	621-0375-00	SH-BASE	1
2	750-3098-00	L-LINK SPRING	1	26	716-0675-00	SCREW (M2×5.5)	2
3	716-1468-00	SCREW (M2×2.5)	2	27	716-1555-00	WAVE SCREW (φ2×8)	1
4	716-2003-81	SCREW (M2×3)	10	28	732-2004-11	SEMS SCREW (M2×4)	2
5	SMA-146-100	MOTOR ASSY (SLED)	1	29	739-1735-17	PRECISION SCREW (M1.7×3.5)	2
6	969-0008-00	PICK UP UNIT	1	30	620-0690-01	RATTLE PLATE	1
7	HBS-432-100	LS-GEAR ASSY	1	31	746-0761-00	WASHER	2
8	966-0447-05	DR-PLATE-ASSY	1	32	716-1733-00	SCREW (M1.7×2.3)	2
9	966-0449-22	CLAMP-LINK-ASSY	1	33	750-3099-00	ES-SPRING	1
10	621-0205-02	CLAMPER RING	1	34	750-3097-03	CLAMPER SPRING	1
11	621-0251-03	LOCK LINK	1	35	816-2373-00	LEAD WIRE (WHT)	1
12	620-0198-03	CLAMPER PLATE	1	36	816-2372-00	LEAD WIRE (BLU)	1
13	966-0314-01	STOP LINK-ASSY	1	37	039-1576-00	CD PWB (WITHOUT COMPONENT)	1
14	966-0448-21	SIDE PLATE-ASSY	1	38	001-0563-00	LED	3
15	621-0252-03	DISC STOPPER	1	39	716-1670-00	SCREW (M2×4)	2
16	620-0491-03	SPRING PLATE	1	40	750-3202-00	CENTER SPRING-B	1
17	966-0454-00	SCREW H-RACK-ASSY	1	41	750-3096-01	DR-SPRING R	1
18	621-0358-02	LS-HOLDER-F	1	42	750-3164-00	DR-SPRING LR	1
19	013-7100-00	SWITCH (LIMIT)	1	43	750-3188-00	DR-SPRING F-B	1
20	621-0357-03	PICK UP GUIDE	1	44	750-3201-00	DR-SPRING F-R	1
21	621-0253-02	MOTOR HOLDER	1	45	039-1587-00	FPC (WITHOUT COMPONENT)	1
22	621-0255-02	SECOND GEAR	1				
23	622-1073-02	CLAMPER ROLLER	1				
24	621-0359-02	LS-HOLDER-R	1				

This is a detailed exploded view diagram of a mechanical assembly. The diagram shows various components, including a main frame (22), a base plate (1), and several sub-assemblies. Key parts are labeled with numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51. Dashed lines indicate the assembly path and alignment of the parts. The diagram is a technical drawing used for manufacturing and assembly instructions.

MECH chassis section

NO.	PARTS NO.	DESCRIPTION	QTY
1	966-0309-04	L-DISC-G-ASSY	1
2	966-0310-06	SHIFT-P-CH-ASSY	1
3	HBS-430-100	GEAR PLATE ASSY	1
4	966-0312-06	SHIFT-PLATE-ASSY	1
5	966-0358-01	DRIVE-L-PLATE-ASSY	1
6	966-0359-03	SIDE-L-PLATE-ASSY	1
7	SMA-147-100	MOTOR ASSY (LOADING)	1
8	013-3879-01	CHUCKING SWITCH	1
9	804-4910-60	VINYL-COAT-WIRE (YEL)	1
10	039-0586-01	CHUCKING SWITCH PWB (WITHOUT COMPONENT)	1
11	039-0588-01	SENSOR PWB (WITHOUT COMPONENT)	1
12	060-0252-01	PHOTO-TR	3
13	345-7513-01	CLAMPER SHEET	1
14	345-7514-00	SENSOR PWB SHEET	1
15	802-4910-60	VINYL-COAT-WIRE (RED)	1
16	620-0485-04	FRONT PLATE	1
17	620-0488-01	S-L-LINK PLATE	1
18	620-0489-02	MOTOR PLATE	1
19	802-4904-60	VINYL-COAT-WIRE (RED)	1
20	620-0492-01	MOTOR BRACKET	1
21	801-4910-60	VINYL-COAT-WIRE (BRN)	1
22	620-0773-01	CD-MECH-BRKT	1
23	800-4910-60	VINY-COAT-WIRE (BLK)	1
24	621-0402-01	U-DISC GUIDE-F	1
25	621-0243-02	ROLLER SLEEVE	2

NO.	PARTS NO.	DESCRIPTION	QTY
26	800-4904-60	VINYL-COAT-WIRE (BLK)	1
27	750-3189-00	SIDE-L-SPRING	1
28	750-3098-00	L-LINK SPRING	1
29	750-3094-00	S-ARM SPRING	1
30	621-0248-07	RACK GEAR	1
31	621-0249-02	ROLLER GEAR	1
32	629-0074-00	DAMPER	4
33	750-3092-03	SHIFT SPRING	1
34	750-3091-03	LOADING-SPRING-R	1
35	750-3090-02	LOADING-SPRING-L	1
36	746-0877-02	WASHER	2
37	746-0762-00	WASHER	1
38	746-0712-03	WASHER	1
39	743-1500-10	E-RING	3
40	621-0258-03	LOADING ROLLER	2
41	716-1742-00	SCREW (M2×5)	1
42	716-1704-00	SCREW (M2×7)	1
43	716-1677-00	SCREW (M2×5)	1
44	716-1507-00	SCREW (M2×3)	2
45	622-1072-05	ROLLER SHAFT	1
46	716-1468-00	SCREW (M2×2.5)	2
47	622-1219-01	SHIFT ROLLER	1
48	714-2603-81	SCREW (M2.6×3)	5
49	966-0308-10	CHASSIS ASSY	1
50	714-2003-81	SCREW (M2×3)	8
51	716-1670-00	SCREW (M2×4)	4

■ ELECTRICAL PARTS LIST:

CD mechanism section (B3)

Note) Several different parts of the same reference number are alternative parts.

One of those parts is used in the set.

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	163-1073-10	6.3V 100 μ F	C36	176-6801-00	68pF CH	R8	117-1041-10	1/10W 100K Ω
C3	178-1042-78	0.1 μ F	C37	176-2201-00	22pF CH	R9	117-1031-10	1/10W 10K Ω
C4	178-2222-78	2200pF	C38	178-1042-78	0.1 μ F	R10	117-4731-10	1/10W 47K Ω
C5	178-1042-78	0.1 μ F	C39	163-4763-05	4V 47 μ F	R12	117-4741-10	1/10W 470K Ω
C6	178-1042-78	0.1 μ F	C44	178-2242-78	0.22 μ F	R13	117-3331-10	1/10W 33K Ω
C7	178-1042-78	0.1 μ F	C45	178-2242-78	0.22 μ F	R14	117-3321-10	1/10W 3.3K Ω
C8	176-1501-00	15pF CH	C46	163-4763-10	6.3V 47 μ F	R15	117-1031-10	1/10W 10K Ω
C9	176-1501-00	15pF CH	C47	178-8222-78	8200pF	R16	117-3321-10	1/10W 3.3K Ω
C10	176-1201-00	12pF CH	C48	178-1042-78	0.1 μ F	R17	117-3321-10	1/10W 3.3K Ω
C11	178-1042-78	0.1 μ F	C50	163-1073-10	6.3V 100 μ F	R18	117-3321-10	1/10W 3.3K Ω
C13	178-1042-78	0.1 μ F	C51	178-1042-78	0.1 μ F	R19	117-3321-10	1/10W 3.3K Ω
C14	178-1042-78	0.1 μ F	C52	178-2232-78	0.022 μ F	R20	117-3321-10	1/10W 3.3K Ω
C15	178-1042-78	0.1 μ F	C54	176-2201-00	22pF CH	R21	117-2221-10	1/10W 2.2K Ω
C16	178-1042-78	0.1 μ F	C61	178-1042-78	0.1 μ F	R22	117-8211-10	1/10W 820K Ω
C17	163-1073-31	16V 100 μ F	C63	178-1042-78	0.1 μ F	R23	117-9131-10	1/10W 91K Ω
C18	176-4701-00	47pF CH	C64	178-1042-78	0.1 μ F	R24	117-1041-10	1/10W 100K Ω
C19	178-1532-78	0.015 μ F	C65	178-1042-78	0.1 μ F	R25	117-1041-10	1/10W 100K Ω
C20	178-1032-78	0.01 μ F	D4	001-0516-00	MA111	R26	117-1841-10	1/10W 180K Ω
C21	178-2722-78	2700pF	IC1	051-5704-00	TA2096FN	R27	117-1841-10	1/10W 180K Ω
C22	178-4722-78	4700pF	IC2	051-6342-00	TC9462F	R28	117-2211-10	1/10W 220 Ω
C23	178-1042-78	0.1 μ F	IC3	051-6045-08	BA5984FP	R29	117-2201-10	1/10W 22 Ω
C24	178-1042-78	0.1 μ F	J1	074-1138-66	16P	R30	117-1041-10	1/10W 100K Ω
C25	178-1042-78	0.1 μ F	J2	074-1138-06	6P	R31	117-1041-10	1/10W 100K Ω
C26	178-4712-78	470pF	L1	010-2155-93	10 μ H	R32	117-1041-10	1/10W 100K Ω
C27	178-4712-78	470pF	L3	010-2199-74	10 μ H J	R33	117-1041-10	1/10W 100K Ω
C28	178-4732-78	0.047 μ F	Q1	101-1188-50	2SB1188PQR	R34	117-1041-10	1/10W 100K Ω
C29	178-4732-78	0.047 μ F	R1	117-2211-10	1/10W 220 Ω	R35	117-2241-10	1/10W 220K Ω
C30	178-4732-78	0.047 μ F	R2	117-2211-10	1/10W 220 Ω	R36	117-1041-10	1/10W 100K Ω
C31	178-4732-78	0.047 μ F	R3	117-5611-10	1/10W 560 Ω	R37	117-1041-10	1/10W 100K Ω
C32	163-4763-05	4V 47 μ F	R4	117-5611-10	1/10W 560 Ω	R38	117-8231-10	1/10W 82K Ω
C33	163-4763-05	4V 47 μ F	R5	117-4711-10	1/10W 470 Ω	R39	117-1841-10	1/10W 180K Ω
C34	176-1801-00	18pF CH	R6	117-3311-10	1/10W 330 Ω	X1	061-3500-90	16.920MHz
C35	176-6097-00	6pF CH	R7	117-4721-10	1/10W 4.7K Ω			

Sensor PWB section (B4)

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
Q101	060-0252-01	PT4850F	Q102	060-0252-01	PT4850F	Q103	060-0252-01	PT4850F

Chuckling SW PWB section (B5)

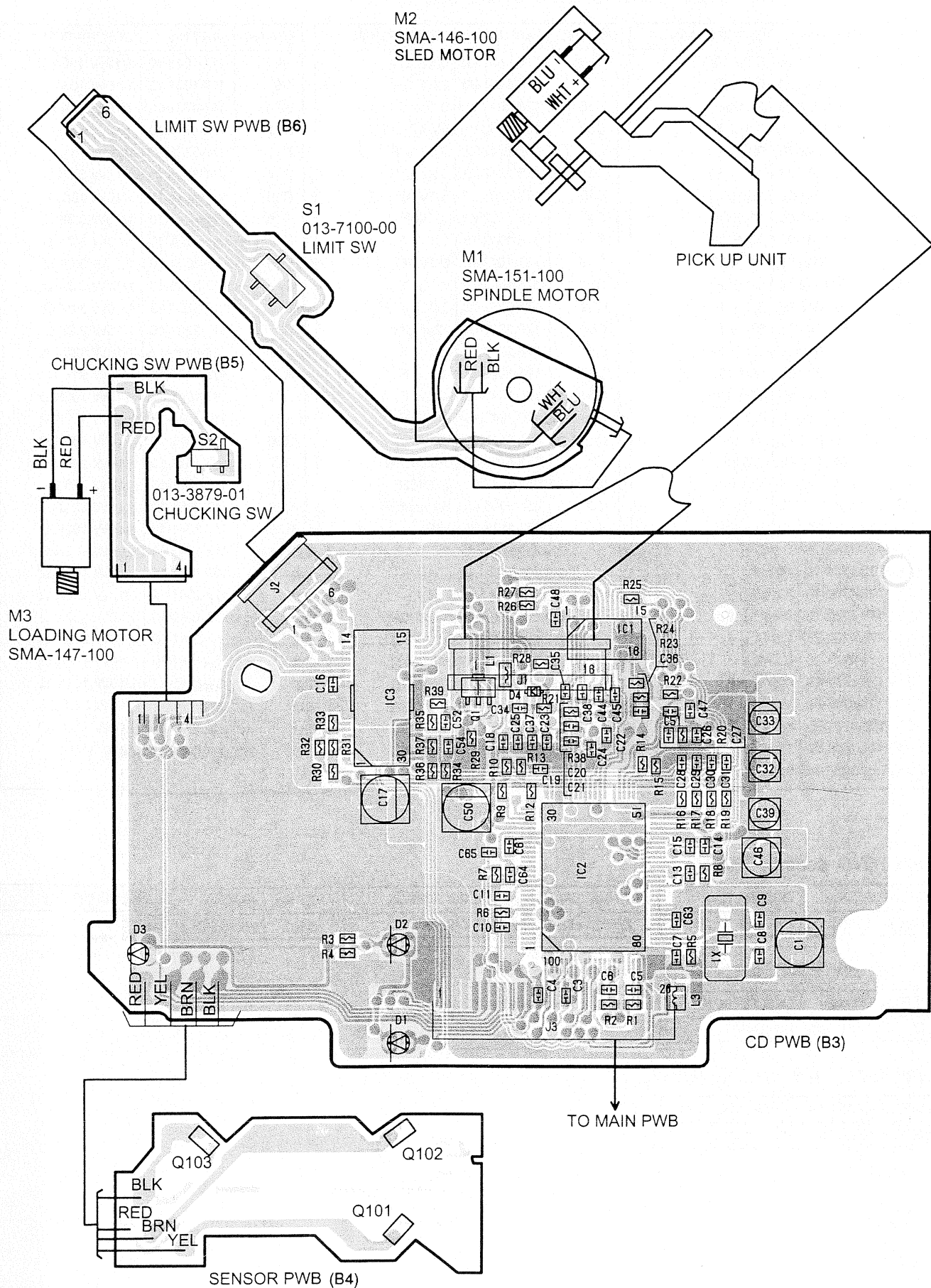
REF No.	PART No.	DESCRIPTION
S2	013-3879-01	SPPB12

Limit SW PWB section (B6)

REF No.	PART No.	DESCRIPTION
S1	013-7100-00	SPPB11

■ PRINTED WIRING BOARD :

CD mechanism section 929-0092-80(BB-CD)



■ CIRCUIT DIAGRAM:

CD mechanism section 929-0092-80(BB-CD)

